

Title (en)
PROCESS FOR DRY COATING A FOOD PARTICLE

Title (de)
VERFAHREN ZUR TROCKENBESCHICHTUNG EINES NAHRUNGSMITTELPARTIKELS

Title (fr)
PROCEDE D'ENROBAGE A SEC D'UNE PARTICULE D'ALIMENT

Publication
EP 1406503 A1 20040414 (EN)

Application
EP 02742209 A 20020619

Priority
• US 0219431 W 20020619
• US 29920601 P 20010619

Abstract (en)
[origin: WO02102167A1] A process for dry coating a food particle having a size in the range from about 0.5 mm to about 20.0 mm is disclosed. The resulting coated food particle has a moisture level that is substantially the same as the moisture level of the uncoated food particle. A process for encapsulating a frozen liquid particle having a size in the range from 5 micrometers to 5 millimeters with a liquid coating material is also disclosed. Also disclosed are coated food particles and encapsulate frozen liquid particles made by one of the processes of the invention.

IPC 1-7
A23B 9/14

IPC 8 full level
A23G 3/20 (2006.01); **A23G 3/34** (2006.01); **A23G 9/24** (2006.01); **A23G 9/52** (2006.01); **A23K 1/16** (2006.01); **A23K 1/18** (2006.01); **A23L 1/00** (2006.01); **A23L 1/164** (2006.01); **A23L 1/22** (2006.01); **A23L 3/36** (2006.01); **A23L 3/50** (2006.01); **A23L 27/00** (2016.01); **A23P 1/02** (2006.01); **A23P 1/04** (2006.01); **A23P 1/08** (2006.01)

CPC (source: EP KR US)
A23G 3/0089 (2013.01 - EP KR US); **A23G 3/2092** (2013.01 - EP KR US); **A23G 3/346** (2013.01 - EP KR US); **A23G 9/24** (2013.01 - EP KR US); **A23G 9/52** (2013.01 - EP KR US); **A23L 3/361** (2013.01 - EP KR US); **A23L 7/122** (2016.07 - EP KR US); **A23L 27/72** (2016.07 - EP KR US); **A23P 10/30** (2016.07 - EP US); **A23P 10/35** (2016.07 - EP KR US); **A23P 20/10** (2016.07 - EP KR US); **A23P 20/11** (2016.07 - EP KR US); **A23P 20/15** (2016.07 - EP KR US); **A23P 20/18** (2016.07 - EP KR US); **A23G 2220/20** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 02102167 A1 20021227; CN 1268218 C 20060809; CN 1518409 A 20040804; EP 1406503 A1 20040414; EP 1406503 A4 20071219; JP 2004532644 A 20041028; KR 20040014563 A 20040214; US 2003031768 A1 20030213; US 7163708 B2 20070116

DOCDB simple family (application)
US 0219431 W 20020619; CN 02812373 A 20020619; EP 02742209 A 20020619; JP 2003504764 A 20020619; KR 20037016499 A 20031217; US 17468702 A 20020619